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layer)) same (reside\$2 with within with (cavity or recess\$3 or depress\$3))) (ceramic with ((wiring or circuit) adj (board or substrate or layer)) same (reside\$2 with (cavity or recess\$3 or depress\$3))) (metallic near3 base near3 carrier) same (recess\$3 or depress\$3 or cavity) (metallic near3 base) same ((recess\$3 or depress\$3 or cavity) near3 portion) 134 (metallic near3 (base or substrate)) same ((recess\$3 or depress\$3 or cavity) near3 portion) 135 ("4246595" "4672417" "4692791" "4724472" USPAT; EPO USPAT ((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) 10 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (base with (pole near3 (perpendicular or vertical))) 107 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (pole near3 (perpendicular or vertical))) 107 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (pole near3 (perpendicular or vertical))) 107 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (ceramic adj (substrate or layer or board)) 107 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (ceramic adj (substrate or layer or board))	-	0	(ceramic with ((wiring or circuit) adi (board or substrate or		2004/10/14 10:12
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depress\$3 or cavity) (metallic near3 base) same ((recess\$3 or depress\$3 or cavity) near3 portion) 134 134 metallic near3 (base or substrate)) same ((recess\$3 or depress\$3 or depress\$3 or cavity) near3 portion) 5 ("4246595" "4672417" "4692791" "4724472" USPAT; EPO USPAT "4866501").PN. 2360 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture))) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (base with (pole near3 (perpendicular or vertical))) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (pole near3 (perpendicular or vertical)) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (pole near3 (perpendicular or vertical)) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (ceramic adj (substrate or layer or board)) ((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (ceramic adj (substrate or layer or board))	,		depress\$3)))	0	1
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(metallic near3 base) same ((recess\$3 or depress\$3 or cavity) near3 portion) (metallic near3 (base or substrate)) same ((recess\$3 or depress\$3 or depress\$3 or cavity) near3 portion) ("4246595" "4672417" "4692791" "4724472" 2004/10/14 18:16 EPO USPAT; EPO USPAT 2004/10/14 18:28 2360 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture))) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (base with (pole near3 (perpendicular or vertical))) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (pole near3 (perpendicular or vertical))) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (pole near3 (perpendicular or vertical))) (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (ceramic adj (substrate or layer or board)) ((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (ceramic adj (substrate or layer or board))		i	depress\$3 or cavity)		2004/10/14 18:16
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107 (((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (pole near3 (perpendicular or vertical)) ((((circuit or wiring) adj (board or layer or substrate)) with (align\$4 near4 (hole or aperture)))) and (ceramic adj (substrate or layer or board)) ((circuit or wiring) adj (board or layer or substrate)) with	f		(align\$4 near4 (hole or aperture)))) and (base with (note	,	2004/10/14 18:42
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(substrate or layer or board)) 52 ((circuit or wiring) adi (board or layer or substrate)) with	1		(align\$4 near4 (hole or aperture)))) and (ceramic adi		2004/10/14 18:44
52 ((circuit or wiring) adi (board or laver or substrate)) with	1		(substrate or layer or board))	EPU	
(alignment with (hole or aperture) with (alignment odi no-4) USPAT; 2004/10/14 18:57	- 1	52	((circuit or wiring) adi (board or laver or substrate)) with	LICDATE	000444044
		1 ((alignment with (hole or aperture) with (alignment adj post))	USPAT; EPO	2004/10/14 18:57